

PATENT ABSTRACTS OF JAPAN

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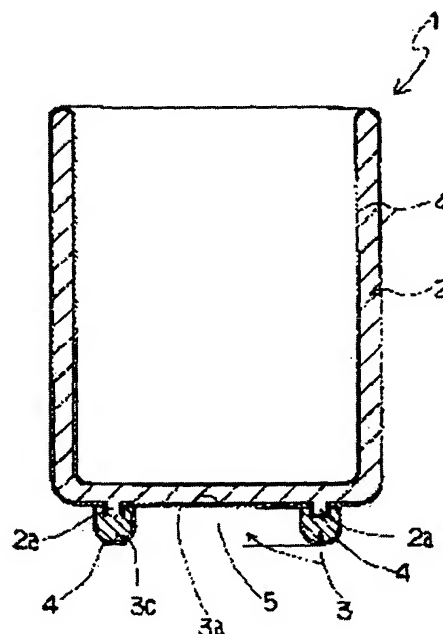
(72)Inventor : BABA YASUNORI

(54) MOUNT OF CERAMIC CONTAINER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a mount of a ceramic container whose bottom surface is prevented from hurting a table by coating a contact surface of the mount which is formed on the outside bottom of the container with a smooth glaze which is melted, sintered and vitrified.

SOLUTION: The ceramic container 2 which has the adhesive convex part 2a at its outside bottom and the mount 3 which has the adhesive concave part 3b at its adhesive surface 3a are made separately. The contacting surface 3c of the mount 3 is coated with a glaze, melted and sintered. The convex part 2a of the fired container 2 is fitted into the concave part 3b of the mount 3, then fixed with the adhesive 5.



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CLAIMS

[Claim(s)]

[Claim 1] The heights of the pottery container characterized by pasting up the heights which apply and calcinate a cover coat, were made to carry out melting sintering, and covered the grounding front face on the heights formed in the outside pars basilaris ossis occipitalis of a pottery container while manufacturing the main part of a pottery container, and heights separately on the outside pars basilaris ossis occipitalis of the main part of a pottery container.

[Claim 2] Adhesion heights are formed in the outside pars basilaris ossis occipitalis of the main part of a pottery container which pastes up heights on the heights formed in the outside pars basilaris ossis occipitalis of a pottery container. While forming in the heights adhesion side of heights the adhesion crevice which carries out sex engagement with the adhesion heights concerned and manufacturing the main part of a pottery container, and heights separately Apply and calcinate a cover coat, carry out melting sintering of the grounding front face of the heights concerned, cover, and sex engagement of the above-mentioned adhesion crevice of the heights adhesion side of heights and the above-mentioned adhesion heights of the main part adhesion side of the main part of a pottery container is carried out. The heights of the pottery container characterized by pasting up with adhesives the heights with which the cover coat carried out melting sintering and was covered by the grounding front face on the outside pars basilaris ossis occipitalis of the main part of a pottery container after this baking.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] While this invention relates to the heights formed in the outside pars basilaris ossis occipitalis of a pottery container and manufacturing the main part of a pottery container, and heights separately especially The heights which apply and calcinate a cover coat, were made to carry out melting sintering, and covered the grounding front face are pasted up on the outside pars basilaris ossis occipitalis of the main part of a pottery container, and it is related with the heights of the pottery container which is what the cover coat carried out melting sintering, and vitrified, covered the grounding front face of the heights formed in the outside pars basilaris ossis occipitalis of a pottery container, and smoothed it.

[0002]

[Description of the Prior Art] Conventionally, heights are formed in the outside pars basilaris ossis occipitalis of a pottery container in one. When putting a pottery container for example, on a table front face, the protrusion front face grounds heights soon on a table front face. In order to ground the grounding front face of heights on a shelf board at the time of baking, in what the cover coat carried out melting sintering, and vitrified, covering formation of the grounding front face of the heights after baking was not carried out.

[0003]

[Problem(s) to be Solved by the Invention] However, since the grounding front face of the heights formed in the outside pars basilaris ossis occipitalis of a pottery container in the conventional pottery container is what the cover coat carried out melting sintering, and vitrified and is not covered like the above-mentioned, the grounding front face of heights is coarse and is not smooth. For this reason, when the pottery container was put for example, on the table front face or the pottery container was dragged on the table front face, the table front face might get damaged on the grounding front face of the heights of a pottery container. Then, it was troublesome, although the coarse grounding front face of the heights formed in the outside pars basilaris ossis occipitalis of the manufactured pottery container was deleted by the grinder etc. and smoothed, in order to prevent this.

[0004] The place which this invention is originated in view of the above technical problems that the technical problem should be solved, and is made into the purpose While manufacturing the main part of a pottery container, and heights separately, the heights which apply and calcinate a cover coat, were made to carry out melting sintering, and covered the grounding front face are pasted up on the outside pars basilaris ossis occipitalis of the main part of a pottery container. It is in offering the heights of the pottery container which can prevent a table front face etc. getting damaged on the grounding front face of the heights of a pottery container by being what the cover coat carried out melting sintering, and vitrified, covering the grounding front face of the heights pasted up on the outside pars basilaris ossis occipitalis of a pottery container, and smoothing it.

[0005]

[Means for Solving the Problem] In order to attain the above purpose, invention of a claim 1 consists of

a means which pasted up the heights which apply and calcinate a cover coat, were made to carry out melting sintering, and covered the grounding front face on the outside bottom of the main part of a pottery container on the heights formed in the outside bottom of a pottery container while manufacturing the main part of a pottery container, and heights separately.

[0006] Moreover, invention of a claim 2 is set on the heights formed in the outside bottom of a pottery container. While forming adhesion heights in the outside bottom of the main part of a pottery container which pastes up heights, forming in the heights adhesion side of heights the adhesion crevice which carries out sex engagement with the adhesion heights concerned and manufacturing the main part of a pottery container, and heights separately Apply and calcinate a cover coat, carry out melting sintering of the grounding front face of the heights concerned, cover, and sex engagement of the above-mentioned adhesion crevice of the heights adhesion side of heights and the above-mentioned adhesion heights of the main part adhesion side of the main part of a pottery container is carried out. It consists of a means which pasted up with adhesives the heights with which the cover coat carried out melting sintering and was covered by the grounding front face on the outside bottom of the main part of a pottery container after this baking.

[0007]

[Embodiments of the Invention] Hereafter, based on the form of implementation of invention of a publication, this invention is more concretely explained to a drawing. Here, drawing 1 is a whole cross section and drawing 2 is the partial expansion decomposition cross section of an important section.

[0008] In drawing, the pottery container 1 consisted of the main parts 2 of a pottery container and heights 3 which are manufactured separately, and heights 3 have pasted it up on the outside bottom of the main part 2 of a pottery container. It is what the cover coat 4 carried out melting sintering, and vitrified in all the front faces on the inside front face except the grounding front face of the below-mentioned adhesion heights 2a of the main part 2 of a pottery container, and the front face of an outside, and is covered with the form of this operation, and according to vitrification, the front face is smooth and also has gloss.

[0009] Adhesion heights 2a is formed in heights 3 and the main part adhesion side of the outside bottom of the main part 2 of a pottery container to paste up annular. Adhesion heights 2a is inserted in adhesion crevice 3b of the below-mentioned heights 3, and sex engagement is carried out. Adhesion heights 2a consists of various kinds of annular configurations, such as a square (a round shape and triangles other than this (for example, a triangle)), and consists of the same configuration as the heights 3 of an annular configuration.

[0010] This adhesion heights 2a is used as a portion grounded on a shelf board at the time of baking of the main part 2 of a pottery container. For this reason, as mentioned above, the cover coat 4 has not adhered to grounding surface 2b of adhesion heights 2a.

[0011] The outside bottom of the main part 2 of a pottery container is pasted, and heights 3 are formed from various kinds of annular configurations, such as a square (a round shape and triangles other than this (for example, a triangle)). Although heights are usually manufactured in one with the main part of a pottery container, by this invention, heights 3 are separately manufactured with the main part 2 of a pottery container, and after they pass through this baking, respectively, they are pasted up.

[0012] Annular adhesion crevice 3b is formed in annular adhesion heights 2a of the main part 2 of a pottery container, and heights adhesion side 3a of the heights 3 to paste up. Adhesion heights 2a and adhesion crevice 3b carry out sex engagement. The flute width of adhesion crevice 3b is somewhat broader than the width of face of adhesion heights 2a, into adhesion crevice 3b, adhesion heights 2a inserts it certainly, and sex engagement is carried out.

[0013] Grounding surface 3c of heights 3 is what the cover coat 4 carried out melting sintering, and vitrified, is covered, and the front face is smooth according to vitrification. Moreover, grounding surface 3c of heights 3 consists of a convex cross-section roundish [wore]. For this reason, for example, a table front face etc. is not damaged by grounding surface 3c of heights 3.

[0014] Heights adhesion side 3a of the heights 3 in which adhesion crevice 3a was formed is used as a portion grounded on a shelf board at the time of baking of heights 3. For this reason, the cover coat 4 has

not adhered to heights adhesion side 3a of heights 3.

[0015] After heights 3 are separately manufactured with the main part 2 of a pottery container and pass through this baking, respectively, they are pasted up on the outside bottom of the main part 2 of a pottery container with adhesives 5. Adhesives 5 are applied to heights adhesion side 3a of heights 3. For example, standard highly efficient epoxy system powerful adhesives (tradename "ARARUDAIDO") are used for adhesives 5.

[0016] Next, the manufacture of the heights of a pottery container based on the composition of the form of operation of the above-mentioned invention is explained below. First, the ground of the main part 2 of a pottery container with which annular adhesion heights 2a was formed in the outside bottom, and the annular heights 3 where annular adhesion crevice 3b was formed in heights adhesion side 3a is built separately, respectively.

[0017] The main part 2 of a pottery container and heights 3 carry out the fabricating operation of the clay, are built, or are slushed into a mold and built. Moreover, further, the main part 2 of a pottery container and heights 3 can be built using the separate ground, the main part 2 of a pottery container and heights 3 open time, and it is built separately or they are built simultaneously.

[0018] A biscuit is performed after building the ground of the main part 2 of a pottery container, and heights 3. A biscuit is performed where [separate] the main part 2 of a pottery container and heights 3 are detached. When performing a biscuit, grounding surface 2b of adhesion heights 2a of the main part 2 of a pottery container is grounded on a shelf board, and it carries out by grounding heights adhesion side 3a of heights 3 on a shelf board.

[0019] And after passing through a biscuit, a cover coat 4 is applied to the front face of the main part 2 of a pottery container. In this case, the **** liquor etc. is beforehand applied to grounding surface 2b of adhesion heights 2a so that a cover coat 4 may not adhere to grounding surface 2b of adhesion heights 2a of the main part 2 of a pottery container grounded on a shelf board by this baking.

[0020] Similarly, a cover coat 4 is applied to grounding surface 3c of heights 3. In this case, the **** liquor etc. is beforehand applied to heights adhesion side 3a so that a cover coat 4 may not adhere to heights adhesion side 3a of the heights 3 grounded on a shelf board by this baking. There is a function which bars crawling a cover coat 4 and adhering in this **** liquor.

[0021] This baking is performed after applying a cover coat 4 to grounding surface 3c of front-face [of the main part 2 of a pottery container], and heights 3 c, respectively. This baking is performed where [separate] the main part 2 of a pottery container and heights 3 are detached. When performing this baking, grounding surface 2b of adhesion heights 2a of the main part 2 of a pottery container is grounded on a shelf board, and it carries out by grounding heights adhesion side 3a of heights 3 on a shelf board.

[0022] The cover coat 4 applied during this baking at grounding surface 3c of heights 3 is fused, and is vitrified and sintered. Thereby, grounding surface 3c of heights 3 is what the cover coat 4 carried out melting sintering, and vitrified, is covered, and the front face will be in a smooth state.

[0023] As adhesives 5 are applied to heights adhesion side 3a of heights 3 after this baking and adhesion heights 2a formed in adhesion crevice 3b formed in heights adhesion side 3a of heights 3 at the outside bottom of the main part 2 of a pottery container enters, heights 3 are pasted up on the outside bottom of the main part 2 of a pottery container with adhesives 5, and manufacture of the pottery container 1 is completed.

[0024] In addition, as for this invention, it is needless to say that it can change various with the range which is not limited to the form of implementation of the above-mentioned invention, and does not deviate from the soul of this invention. For example, although the form of the above-mentioned implementation explained by the case where a cover coat 4 is applied to the front face of the main part 2 of a pottery container, you may omit if needed.

[0025] [Effect of the Invention] Since according to the heights of the pottery container concerning invention of claims 1 and 2 the grounding front face of the heights formed in the outside bottom of a pottery container is what the cover coat carried out melting sintering, and vitrified, is covered and is smooth so

that more clearly than the above publication, even if it puts a pottery container on a table front face or drags a pottery container on a table front face, a table front face does not damage on the grounding front face of the heights of a pottery container.

[0026] Moreover, since heights and the main part of a pottery container are built separately, the various configurations except [circular] generally often being used, for example, a triangle, a square, a polygon, etc. can make the configuration of heights a favorite configuration, and, thereby, they can also raise the exterior fine sight of a pottery container.

[0027] moreover, heights can paste up on the predetermined adhesion position of the outside bottom of the main part of a pottery container more certainly, without heights shifting at the time of adhesion by in addition to the above-mentioned effect, forming adhesion heights in the outside bottom of the main part of a pottery container, forming an adhesion crevice in the heights adhesion side of heights, and carrying out sex engagement of adhesion heights and the adhesion crevice according to the heights of the pottery container concerning invention of a claim 2 And the adhesion heights formed in the outside bottom of the main part of a pottery container can be used as a ground plane, when carrying the main part of a pottery container on a shelf board at the time of baking.

[Translation done.]

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TECHNICAL FIELD

[The technical field to which invention belongs] While this invention relates to the heights formed in the outside bottom of a pottery container and manufacturing the main part of a pottery container, and heights separately especially The heights which apply and calcinate a cover coat, were made to carry out melting sintering, and covered the grounding front face are pasted up on the outside bottom of the main part of a pottery container, and it is related with the heights of the pottery container which is what the cover coat carried out melting sintering, and vitrified, covered the grounding front face of the heights formed in the outside bottom of a pottery container, and smoothed it.

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PRIOR ART

[Description of the Prior Art] Conventionally, heights are formed in the outside bottom of a pottery container in one. When putting a pottery container for example, on a table front face, the projection front face grounds heights soon on a table front face. In order to ground the grounding front face of heights on a shelf board at the time of baking, in what the cover coat carried out melting sintering, and vitrified, covering formation of the grounding front face of the heights after baking was not carried out.

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EFFECT OF THE INVENTION

[Effect of the Invention] Since according to the heights of the pottery container concerning invention of claims 1 and 2 the grounding front face of the heights formed in the outside bottom of a pottery container is what the cover coat carried out melting sintering, and vitrified, is covered and is smooth so that more clearly than the above publication, even if it puts a pottery container on a table front face or drags a pottery container on a table front face, a table front face does not damage on the grounding front face of the heights of a pottery container.

[0026] Moreover, since heights and the main part of a pottery container are built separately, the various configurations except [circular] generally often being used, for example, a triangle, a square, a polygon, etc. can make the configuration of heights a favorite configuration, and, thereby, they can also raise the exterior fine sight of a pottery container.

[0027] moreover, heights can paste up on the predetermined adhesion position of the outside bottom of the main part of a pottery container more certainly, without heights shifting at the time of adhesion by in addition to the above-mentioned effect, forming adhesion heights in the outside bottom of the main part of a pottery container, forming an adhesion crevice in the heights adhesion side of heights, and carrying out sex engagement of adhesion heights and the adhesion crevice according to the heights of the pottery container concerning invention of a claim 2 And the adhesion heights formed in the outside bottom of the main part of a pottery container can be used as a ground plane, when carrying the main part of a pottery container on a shelf board at the time of baking.

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TECHNICAL PROBLEM

[Problem(s) to be Solved by the Invention] However, since the grounding front face of the heights formed in the outside bottom of a pottery container in the conventional pottery container is what the cover coat carried out melting sintering, and vitrified and is not covered like the above-mentioned, the grounding front face of heights is coarse and is not smooth. For this reason, when the pottery container was put for example, on the table front face or the pottery container was dragged on the table front face, the table front face might get damaged on the grounding front face of the heights of a pottery container. Then, it was troublesome, although the coarse grounding front face of the heights formed in the outside bottom of the manufactured pottery container was deleted by the grinder etc. and smoothed, in order to prevent this.

[0004] The place which this invention is originated in view of the above technical problems that the technical problem should be solved, and is made into the purpose While manufacturing the main part of a pottery container, and heights separately, the heights which apply and calcinate a cover coat, were made to carry out melting sintering, and covered the grounding front face are pasted up on the outside bottom of the main part of a pottery container. It is in offering the heights of the pottery container which can prevent a table front face etc. getting damaged on the grounding front face of the heights of a pottery container by being what the cover coat carried out melting sintering, and vitrified, covering the grounding front face of the heights pasted up on the outside bottom of a pottery container, and smoothing it.

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MEANS

[Means for Solving the Problem] In order to attain the above purpose, invention of a claim 1 consists of a means which pasted up the heights which apply and calcinate a cover coat, were made to carry out melting sintering, and covered the grounding front face on the outside pars basilaris ossis occipitalis of the main part of a pottery container on the heights formed in the outside pars basilaris ossis occipitalis of a pottery container while manufacturing the main part of a pottery container, and heights separately. [0006] Moreover, invention of a claim 2 is set on the heights formed in the outside pars basilaris ossis occipitalis of a pottery container. While forming adhesion heights in the outside pars basilaris ossis occipitalis of the main part of a pottery container which pastes up heights, forming in the heights adhesion side of heights the adhesion crevice which carries out sex engagement with the adhesion heights concerned and manufacturing the main part of a pottery container, and heights separately Apply and calcinate a cover coat, carry out melting sintering of the grounding front face of the heights concerned, cover, and sex engagement of the above-mentioned adhesion crevice of the heights adhesion side of heights and the above-mentioned adhesion heights of the main part adhesion side of the main part of a pottery container is carried out. It consists of a means which pasted up with adhesives the heights with which the cover coat carried out melting sintering and was covered by the grounding front face on the outside pars basilaris ossis occipitalis of the main part of a pottery container after this baking.

[0007]

[Embodiments of the Invention] Hereafter, based on the gestalt of implementation of invention of a publication, this invention is more concretely explained to a drawing. Here, drawing 1 is a whole cross section and drawing 2 is the partial expansion decomposition cross section of an important section.

[0008] In drawing, the pottery container 1 consisted of the main parts 2 of a pottery container and heights 3 which are manufactured separately, and heights 3 have pasted it up on the outside pars basilaris ossis occipitalis of the main part 2 of a pottery container. It is what the cover coat 4 carried out melting sintering, and vitrified in all the front faces on the inside front face except the grounding front face of the below-mentioned adhesion heights 2a of the main part 2 of a pottery container, and the front face of an outside, and is covered with the gestalt of this operation, and according to vitrification, the front face is smooth and also has gloss.

[0009] Adhesion heights 2a is formed in heights 3 and the main part adhesion side of the outside pars basilaris ossis occipitalis of the main part 2 of a pottery container to paste up annular. Adhesion heights 2a is inserted in adhesion crevice 3b of the below-mentioned heights 3, and sex engagement is carried out. Adhesion heights 2a consists of various kinds of annular configurations, such as a square (a round shape and triangles other than this (for example, a triangle)), and consists of the same configuration as the heights 3 of an annular configuration.

[0010] This adhesion heights 2a is used as a portion grounded on a shelf board at the time of baking of the main part 2 of a pottery container. For this reason, as mentioned above, the cover coat 4 has not adhered to grounding surface 2b of adhesion heights 2a.

[0011] The outside pars basilaris ossis occipitalis of the main part 2 of a pottery container is pasted, and

heights 3 are formed from various kinds of annular configurations, such as a square (a round shape and triangles other than this (for example, a triangle)). Although heights are usually manufactured in one with the main part of a pottery container, by this invention, heights 3 are separately manufactured with the main part 2 of a pottery container, and after they pass through this baking, respectively, they are pasted up.

[0012] Annular adhesion crevice 3b is formed in annular adhesion heights 2a of the main part 2 of a pottery container, and heights adhesion side 3a of the heights 3 to paste up. Adhesion heights 2a and adhesion crevice 3b carry out sex engagement. The flute width of adhesion crevice 3b is somewhat broader than the width of face of adhesion heights 2a, into adhesion crevice 3b, adhesion heights 2a inserts it certainly, and sex engagement is carried out.

[0013] Grounding surface 3c of heights 3 is what the cover coat 4 carried out melting sintering, and vitrified, is covered, and the front face is smooth according to vitrification. Moreover, grounding surface 3c of heights 3 consists of a convex cross-section roundish [wore]. For this reason, for example, a table front face etc. is not damaged by grounding surface 3c of heights 3.

[0014] Heights adhesion side 3a of the heights 3 in which adhesion crevice 3a was formed is used as a portion grounded on a shelf board at the time of baking of heights 3. For this reason, the cover coat 4 has not adhered to heights adhesion side 3a of heights 3.

[0015] After heights 3 are separately manufactured with the main part 2 of a pottery container and pass through this baking, respectively, they are pasted up on the outside pars basilaris ossis occipitalis of the main part 2 of a pottery container with adhesives 5. Adhesives 5 are applied to heights adhesion side 3a of heights 3. For example, standard highly efficient epoxy system powerful adhesives (tradename "ARARUDAIDO") are used for adhesives 5.

[0016] Next, the manufacture of the heights of a pottery container based on the composition of the gestalt of operation of the above-mentioned invention is explained below. First, the ground of the main part 2 of a pottery container with which annular adhesion heights 2a was formed in the outside pars basilaris ossis occipitalis, and the annular heights 3 where annular adhesion crevice 3b was formed in heights adhesion side 3a is built separately, respectively.

[0017] The main part 2 of a pottery container and heights 3 carry out the fabricating operation of the clay, are built, or are slushed into a mold and built. Moreover, further, the main part 2 of a pottery container and heights 3 can be built using the separate ground, the main part 2 of a pottery container and heights 3 open time, and it is built separately or they are built simultaneously.

[0018] A biscuit is performed after building the ground of the main part 2 of a pottery container, and heights 3. A biscuit is performed where [separate] the main part 2 of a pottery container and heights 3 are detached. When performing a biscuit, grounding surface 2b of adhesion heights 2a of the main part 2 of a pottery container is grounded on a shelf board, and it carries out by grounding heights adhesion side 3a of heights 3 on a shelf board.

[0019] And after passing through a biscuit, a cover coat 4 is applied to the front face of the main part 2 of a pottery container. In this case, the **** liquor etc. is beforehand applied to grounding surface 2b of adhesion heights 2a so that a cover coat 4 may not adhere to grounding surface 2b of adhesion heights 2a of the main part 2 of a pottery container grounded on a shelf board by this baking.

[0020] Similarly, a cover coat 4 is applied to grounding surface 3c of heights 3. In this case, the **** liquor etc. is beforehand applied to heights adhesion side 3a so that a cover coat 4 may not adhere to heights adhesion side 3a of the heights 3 grounded on a shelf board by this baking. There is a function which bars crawling a cover coat 4 and adhering in this **** liquor.

[0021] This baking is performed after applying a cover coat 4 to grounding surface 3c of front-face [of the main part 2 of a pottery container], and heights 3 c, respectively. This baking is performed where [separate] the main part 2 of a pottery container and heights 3 are detached. When performing this baking, grounding surface 2b of adhesion heights 2a of the main part 2 of a pottery container is grounded on a shelf board, and it carries out by grounding heights adhesion side 3a of heights 3 on a shelf board.

[0022] The cover coat 4 applied during this baking at grounding surface 3c of heights 3 is fused, and is

vitified and sintered. Thereby, grounding surface 3c of heights 3 is what the cover coat 4 carried out melting sintering, and vitrified, is covered, and the front face will be in a smooth state.

[0023] As adhesives 5 are applied to heights adhesion side 3a of heights 3 after this baking and adhesion heights 2a formed in adhesion crevice 3b formed in heights adhesion side 3a of heights 3 at the outside pars basilaris ossis occipitalis of the main part 2 of a pottery container enters, heights 3 are pasted up on the outside pars basilaris ossis occipitalis of the main part 2 of a pottery container with adhesives 5, and manufacture of the pottery container 1 is completed.

[0024] In addition, as for this invention, it is needless to say that it can change various with the range which is not limited to the gestalt of implementation of the above-mentioned invention, and does not deviate from the pneuma of this invention. For example, although the gestalt of the above-mentioned implementation explained by the case where a cover coat 4 is applied to the front face of the main part 2 of a pottery container, you may omit if needed.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is the whole cross section showing the gestalt of implementation of this invention.

[Drawing 2] It is the partial expansion decomposition cross section of an important section showing the gestalt of implementation of this invention.

[Description of Notations]

- 1 Pottery Container
- 2 Main Part of Pottery Container
- 2a Adhesion heights
- 2b Grounding front face
- 3 Heights
- 3a Heights adhesion side
- 3b Adhesion crevice
- 3c Grounding front face
- 4 Cover Coat
- 5 Adhesives

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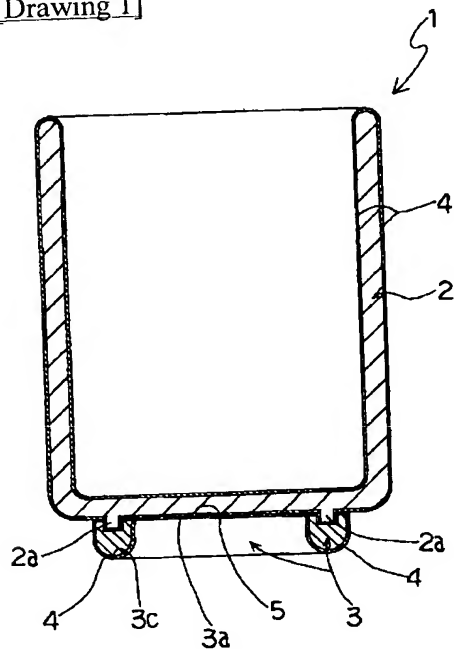
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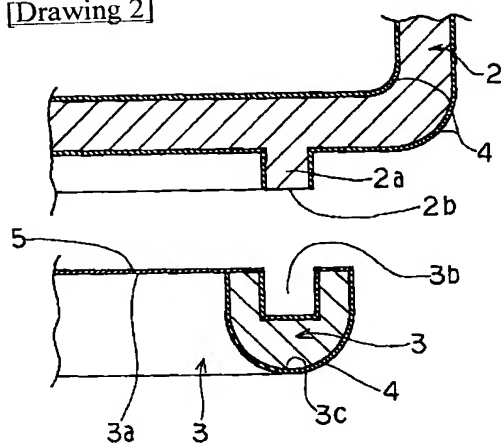
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3. In the drawings, any words are not translated.

DRAWINGS

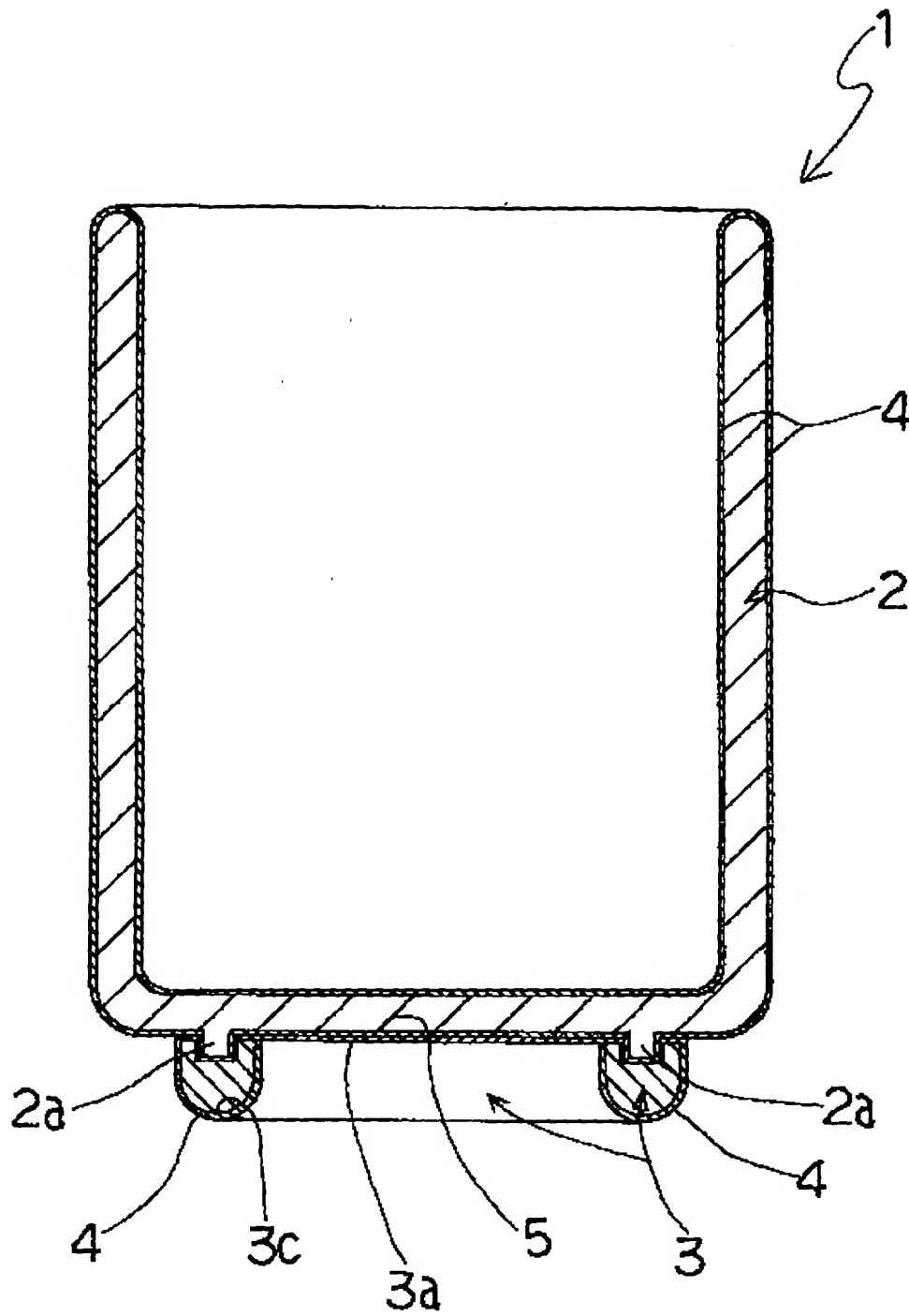
[Drawing 1]



[Drawing 2]



[Translation done.]



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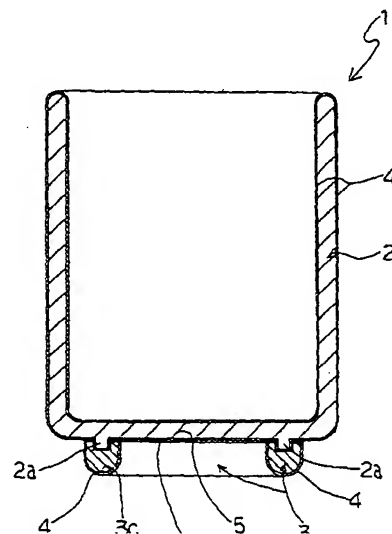
弁理士 原崎 正

(54) 【発明の名称】 焼物容器の高台

(57) 【要約】

【課題】 焼物容器の外側底部に形成される高台の接地表面を釉薬が熔融焼結してガラス化したもので被覆して滑らかにすることにより、焼物容器の高台の接地表面でテーブル表面などが疵つくのを防ぐことにある。

【解決手段】 焼物容器本体の外側底部に接着凸部 2 a を形成し、上記接着凸部 2 a と雌雄係合する接着凹部 3 b を高台接着面 3 a に形成し、焼物容器本体 2 と高台 3 とを別々に製造すると共に、当該高台 3 の接地表面 3 c を釉薬を塗布して焼成して熔融焼結させて被覆し、高台 3 の上記接着凹部 3 b と焼物容器本体 2 の接着凸部 2 a とを雌雄係合して、高台 3 を本焼き後の焼物容器本体 2 の外側底部に接着剤 5 によって接着した。



【特許請求の範囲】

【請求項1】 焼物容器の外側底部に形成される高台において、焼物容器本体と高台とを別々に製造すると共に、接地表面を釉薬を塗布して焼成して熔融焼結させて被覆した高台を、焼物容器本体の外側底部に接着したことを特徴とする焼物容器の高台。

【請求項2】 焼物容器の外側底部に形成される高台において、高台を接着する焼物容器本体の外側底部に接着凸部を形成し、当該接着凸部と雌雄係合する接着凹部を高台の高台接着面に形成し、焼物容器本体と高台とを別々に製造すると共に、当該高台の接地表面を釉薬を塗布して焼成して熔融焼結させて被覆し、高台の高台接着面の上記接着凹部と焼物容器本体の本体接着面の上記接着凸部とを雌雄係合して、接地表面に釉薬が熔融焼結して被覆された高台を、本焼き後の焼物容器本体の外側底部に接着剤によって接着したことを特徴とする焼物容器の高台。

【発明の詳細な説明】

【0001】

【発明の属する技術分野】 この発明は、焼物容器の外側底部に形成される高台に係り、特に、焼物容器本体と高台とを別々に製造すると共に、接地表面を釉薬を塗布して焼成して熔融焼結させて被覆した高台を、焼物容器本体の外側底部に接着して、焼物容器の外側底部に形成される高台の接地表面を釉薬が熔融焼結してガラス化したもので被覆して滑らかにした焼物容器の高台に関するものである。

【0002】

【従来の技術】 従来、焼物容器の外側底部には高台が一体的に形成されている。高台は焼物容器を例えばテーブル表面に置く場合に、その突出表面がテーブル表面に直に接地するものである。高台の接地表面は焼成時には棚板上に接地するために、焼成後の高台の接地表面は釉薬が熔融焼結してガラス化したものでは被覆形成されていなかった。

【0003】

【発明が解決しようとする課題】 しかしながら、前述の如く、従来の焼物容器においては、焼物容器の外側底部に形成される高台の接地表面は釉薬が熔融焼結してガラス化したもので被覆されていないため、高台の接地表面は粗くて滑らかでない。このため、焼物容器を例えばテーブル表面に置いたり、テーブル表面上で焼物容器を引きずったりすると、焼物容器の高台の接地表面でテーブル表面が疵つくことがあった。そこで、これを防ぐために、製造された焼物容器の外側底部に形成される高台の粗い接地表面をグラインダーなどで削って滑らかにしているが、面倒であった。

【0004】 この発明は、上記のような課題に鑑み、その課題を解決すべく創案されたものであって、その目的とするところは、焼物容器本体と高台とを別々に製造す

ると共に、接地表面を釉薬を塗布して焼成して熔融焼結させて被覆した高台を、焼物容器本体の外側底部に接着して、焼物容器の外側底部に接着される高台の接地表面を釉薬が熔融焼結してガラス化したもので被覆して滑らかにすることにより、焼物容器の高台の接地表面でテーブル表面などが疵つくのを防ぐことのできる焼物容器の高台を提供することにある。

【0005】

【課題を解決するための手段】 以上の目的を達成するために、請求項1の発明は、焼物容器の外側底部に形成される高台において、焼物容器本体と高台とを別々に製造すると共に、接地表面を釉薬を塗布して焼成して熔融焼結させて被覆した高台を、焼物容器本体の外側底部に接着した手段よりなるものである。

【0006】 また、請求項2の発明は、焼物容器の外側底部に形成される高台において、高台を接着する焼物容器本体の外側底部に接着凸部を形成し、当該接着凸部と雌雄係合する接着凹部を高台の高台接着面に形成し、焼物容器本体と高台とを別々に製造すると共に、当該高台の接地表面を釉薬を塗布して焼成して熔融焼結させて被覆し、高台の高台接着面の上記接着凹部と焼物容器本体の本体接着面の上記接着凸部とを雌雄係合して、接地表面に釉薬が熔融焼結して被覆された高台を、本焼き後の焼物容器本体の外側底部に接着剤によって接着した手段よりなるものである。

【0007】

【発明の実施の形態】 以下、図面に記載の発明の実施の形態に基づいて、この発明をより具体的に説明する。ここで、図1は全体断面図、図2は要部の部分拡大分解断面図である。

【0008】 図において、焼物容器1は、別々に製造される焼物容器本体2と高台3とから構成され、焼物容器本体2の外側底部に高台3は接着されている。この実施の形態では焼物容器本体2の後述の接着凸部2aの接地表面を除く内側表面及び外側表面の全表面には釉薬4が熔融焼結してガラス化したもので被覆されていて、その表面はガラス化によって滑らかであり、又光沢も有している。

【0009】 高台3と接着する焼物容器本体2の外側底部の本体接着面に接着凸部2aが例えば環状に形成されている。接着凸部2aは後述の高台3の接着凹部3bに挿入して雌雄係合されるものである。接着凸部2aは、円形やこれ以外の例えば三角形、四角形などの各種の環状形状からなり、環状形状の高台3と同一形状からなっている。

【0010】 この接着凸部2aは、焼物容器本体2の焼成時には棚板上に接地する部分として利用される。このため、接着凸部2aの接地表面2bには、前述したように、釉薬4が付着していない。

【0011】 高台3は焼物容器本体2の外側底部に接着

されるもので、円形やこれ以外の例えば三角形、四角形などの各種の環状形状から形成されている。高台は通常は焼物容器本体と一体的に製造されるが、この発明では、高台3は焼物容器本体2と別々に製造されて、それぞれ本焼きを経た後に接着される。

【0012】焼物容器本体2の環状の接着凸部2aと接着する高台3の高台接着面3aには、環状の接着凹部3bが形成されている。接着凸部2aと接着凹部3bとは雌雄係合する。接着凹部3bの幅は接着凸部2aの幅より少し幅広になっていて、接着凹部3b内に接着凸部2aが確実に挿入して雌雄係合されるようになってい

る。

【0013】高台3の接地表面3cは、釉薬4が熔融焼結してガラス化したもので被覆されていて、その表面はガラス化によって滑らかになっている。又高台3の接地表面3cは、例えば丸みを帯びた凸状の断面形状からなっている。このため、高台3の接地表面3cで例えばテーブル表面などを疵つけることはない。

【0014】接着凹部3aが形成された高台3の高台接着面3aは、高台3の焼成時には棚板上に接地する部分として利用される。このため、高台3の高台接着面3aには、釉薬4が付着していない。

【0015】高台3は、焼物容器本体2と別々に製造されて、それぞれ本焼きを経た後に、焼物容器本体2の外側底部に接着剤5によって接着される。接着剤5は高台3の高台接着面3aに塗られる。接着剤5には例えばスタンダード高性能エポキシ系強力接着剤（商品名「アルダイド」）が使用される。

【0016】次に、上記発明の実施の形態の構成に基づく焼物容器の高台の製造について以下説明する。まず、外側底部に環状の接着凸部2aが形成された焼物容器本体2と、高台接着面3aに環状の接着凹部3bが形成された環状の高台3との生地をそれぞれ別個に造る。

【0017】焼物容器本体2と高台3は、例えば粘土を成形加工して造られたり、型に流し込んで造られたりする。また、焼物容器本体2と高台3とは、別々の生地を用いて造ることが可能であり、さらに、焼物容器本体2と高台3は時間をあけて別々に造られたり、或いは同時に造られる。

【0018】焼物容器本体2と高台3の生地を造った後、素焼きを行う。素焼きは、焼物容器本体2と高台3とを離れた別々の状態で行われる。素焼きを行う場合、焼物容器本体2の接着凸部2aの接地表面2bを棚板上に接地し、また、高台3の高台接着面3aを棚板上に接地して行う。

【0019】そして、素焼きを経た後、焼物容器本体2の表面に釉薬4を塗布する。この場合、本焼きで棚板上に接地する焼物容器本体2の接着凸部2aの接地表面2bに釉薬4が付着しないように、接着凸部2aの接地表

【0020】同様に、高台3の接地表面3cに釉薬4を塗布する。この場合、本焼きで棚板上に接地する高台3の高台接着面3aに釉薬4が付着しないように、高台接着面3aに予めはつ水剤などを塗布しておく。このはつ水剤には釉薬4をはじいて付着するのを妨げる機能がある。

【0021】焼物容器本体2の表面及び高台3の接地表面3cに釉薬4をそれぞれ塗布した後、本焼きを行う。本焼きは、焼物容器本体2と高台3とを離れた別々の状態で行われる。本焼きを行う場合、焼物容器本体2の接着凸部2aの接地表面2bを棚板上に接地し、また、高台3の高台接着面3aを棚板上に接地して行う。

【0022】本焼き中に、高台3の接地表面3cに塗布した釉薬4は熔融してガラス化して焼結する。これにより、高台3の接地表面3cは、釉薬4が熔融焼結してガラス化したもので被覆されて、その表面は滑らかな状態になる。

【0023】本焼き後、高台3の高台接着面3aに接着剤5を塗り、高台3の高台接着面3aに形成された接着凹部3bに焼物容器本体2の外側底部に形成された接着凸部2aが入るようにして、高台3を焼物容器本体2の外側底部に接着剤5により接着して、焼物容器1の製造を完了する。

【0024】なお、この発明は上記発明の実施の形態に限定されるものではなく、この発明の精神を逸脱しない範囲で種々の改変をなし得ることは勿論である。例えば、上記実施の形態では、焼物容器本体2の表面に釉薬4を塗布する場合で説明したが、必要に応じて省略してもよい。

【0025】

【発明の効果】以上の記載より明らかなように、請求項1、2の発明に係る焼物容器の高台によれば、焼物容器の外側底部に形成される高台の接地表面は、釉薬が熔融焼結してガラス化したもので被覆されて滑らかになっているため、焼物容器をテーブル表面に置いたり、テーブル表面上で焼物容器を引きずったりしても、焼物容器の高台の接地表面でテーブル表面を疵つけることはない。

【0026】また、高台と焼物容器本体とは別々に造られるため、高台の形状を、一般によく使用される円形以外の種々の形状、例えば、三角形、四角形、多角形など、好みの形状にすることができ、これにより、焼物容器の外観上の美観を高めることもできる。

【0027】また、請求項2の発明に係る焼物容器の高台によれば、上記の効果に加えて、焼物容器本体の外側底部に接着凸部を形成し、高台の高台接着面に接着凹部を形成し、接着凸部と接着凹部を雌雄係合させることにより、接着時に高台がずれることもなく、高台を焼物容器本体の外側底部の所定の接着位置に、より確実に接着させることができる。しかも、焼物容器本体の外側底部

(4)

を載せる場合に、接地面として利用することができる。

【図面の簡単な説明】

【図1】この発明の実施の形態を示す全体断面図である。

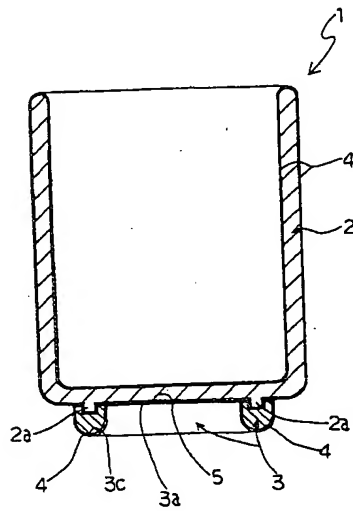
【図2】この発明の実施の形態を示す要部の部分拡大分解断面図である。

【符号の説明】

- 1 焼物容器
2 焼物容器本体

- 2 a 接着凸部
2 b 接地表面
3 高台
3 a 高台接着面
3 b 接着凹部
3 c 接地表面
4 軸索
5 接着剤

【図1】



【図2】

